## Water Pollution (WP) Study Parameters

This is a list of parameters currently required on the Water Pollution Study. Please review your laboratory's current South Carolina certificate. You must successfully analyze a WP Study sample for each parameter that is listed under the Clean Water Act on your certificate <u>and</u> on this list. If your laboratory is certified for multiple methods for any one or more parameters, you must analyze and report results using each method which appears on your South Carolina certificate. For example, if the laboratory is certified to analyze residual chlorine using the DPD colorimetric method (SM 4500CLG) and the FAS titrimetric method (SM 4500CLF), the laboratory must analyze the PT sample using both methods (SM 4500CLG and 4500CLF). Both results must be reported to the PT Provider for scoring. A rating for each method must appear on the laboratory's report from the PT Provider. If the laboratory passes one method and fails the other, the laboratory will become decertified only for the method which was not successfully analyzed.

Trace Metals	Inorganic - Mineral	PCBs in Water
Aluminum	Alkalinity	Aroclor 1016 or 1242
Antimony	Calcium	Aroclor 1232
Arsenic	Chloride	Aroclor 1248
Beryllium	Specific Conductance	Aroclor 1254
Cadmium	Fluoride	Aroclor 1260
Chromium	Total Hardness	
Cobalt	Magnesium	PCBs in Oil
Copper	Potassium	PCBs in Oil 1016/1242
Iron	Sodium	PCB in Oil 1254
Lead	Sulfate	PCB in Oil 1260
Manganese		
Mercury	Inorganic - Nutrients	Volatile Halocarbons
Molybdenum	Ammonia	1,2-dichloroethane
Nickel	Nitrate-Nitrogen	Chloroform
Selenium	Orthophosphate	1,1,1-trichloroethane
Silver	Total Kjeldahl Nitrogen (TKN)	Trichloroethene
Strontium	Total Phosphorus	Carbon Tetrachloride
Thallium		Tetrachloroethene
Titanium	Inorganic - Misc.	Bromodichloromethane
Vanadium	Total Cyanide	Dibromochloromethane
Zinc	Total Residual Chlorine	Bromoform
	Hydrogen-Ion Conc. (pH)	Methylene Chloride
<u>Demands</u>	Total Phenolics	Chlorobenzene
Total Org. Carbon (TOC)	Oil & Grease	
Chem. Oxygen Demand (COD)		<b>Volatile Aromatics</b>
5-day BOD	<u>Pesticides</u>	Benzene
Carbonaceous BOD	Aldrin	Toluene
	Chlordane (Total)	Ethylbenzene
Inorganic - Residues	Dieldrin	1,2-dichlorobenzene
Non-filterable (TSS)	DDD	1,3-dichlorobenzene
Filterable (TDS)	DDE	1,4-dichlorobenzene
	DDT	
	Heptachlor	
	Heptachlor Epoxide (beta)	

If you have any questions regarding the Proficiency Testing (PT) Study requirements for maintaining the laboratory's South Carolina certification, please contact any Laboratory Certification Officer (LCO) at (803) 896-0970.